INDUSTRIAL COMPONENT DATA

ELR H3-IES-PT- 24DC/500AC-9-P 2909555 PHOENIX CONTACT Hybrid motor starter as an alternative to a convention..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ELR H3-IES-PT-24DC/500AC-9-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	ELR H3-IES-PT-24DC/500AC-9-P
Catalog number	2909555
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
Document ID	EO-314F250576
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Product Overview

Hybrid motor starter as an alternative to a conventional contactor circuit. Starts 3~ AC motors up to 9 A, offers motor protection, ATEX, and emergency stop up to SIL 3. Possible group shut-down, supply, and relay extension via DIN rail connector.
Hybrid motor starter as an alternative to the classic protection circuit. It starts engines from 3~ AC up to 9 A, offers engine protection, ATEX and emergency stop up to SIL 3. Possibility of group disconnection, power supply and extension of relays by means of rail bus connectors.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > INTERFACE Components (IF)

Additional Product Information

Technical dataProduct propertiesProduct type Hybrid motor starters
Product family CONTACTRON
Operating mode 100% operating factor
Data management status
Article revision 03
Electrical propertiesNumber of phases 3
Motor starter type Direct starter
Switching frequency <= 2 Hz (Load-dependent)
Switching frequency <= 2 Hz (Load-dependent)
Maximum power dissipation 7 W

Minimum power dissipation 0.88 W
Coordination type 1
Supply
Rated control circuit supply voltage US 24 V DC
Control supply voltage range 19.2 V DC ... 30 V DC
Rated control supply current IS 60 mA
Protective circuit Surge protection
Reverse polarity protection; Parallel polarity protection diode
Insulation characteristics
Rated insulation voltage 550 V
Rated surge voltage 6 kV
Overvoltage category III
Degree of pollution 2
Insulation characteristics between the control input and control supply voltage, and auxiliary circuit to the main circuit Safe isolation (IEC 60947-1)
Isolation characteristics between the control input and control supply voltage to auxiliary circuit Safe isolation (IEC 60947-1)
in the auxiliary circuit <= 300 V AC
Emergency tripping
Operate threshold > 60 A
Response time < 0.5 s
Input dataControl
Input name Control input and enable input
Note The enable input is compatible with signals with blanking (semiconductor output signals with test pulse with max. 3 ms duration),
unblanking pulses of max. 4 ms are tolerated without adversely affecting the safety function.
Rated actuating voltage UC 24 V DC....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ELR H3-IES-PT-24DC/500AC-9-P with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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